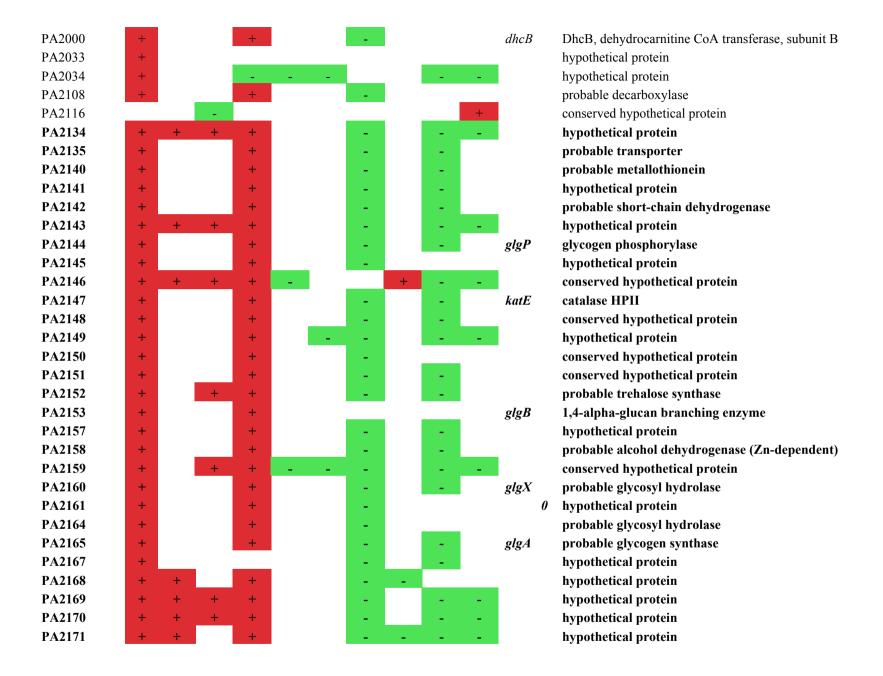
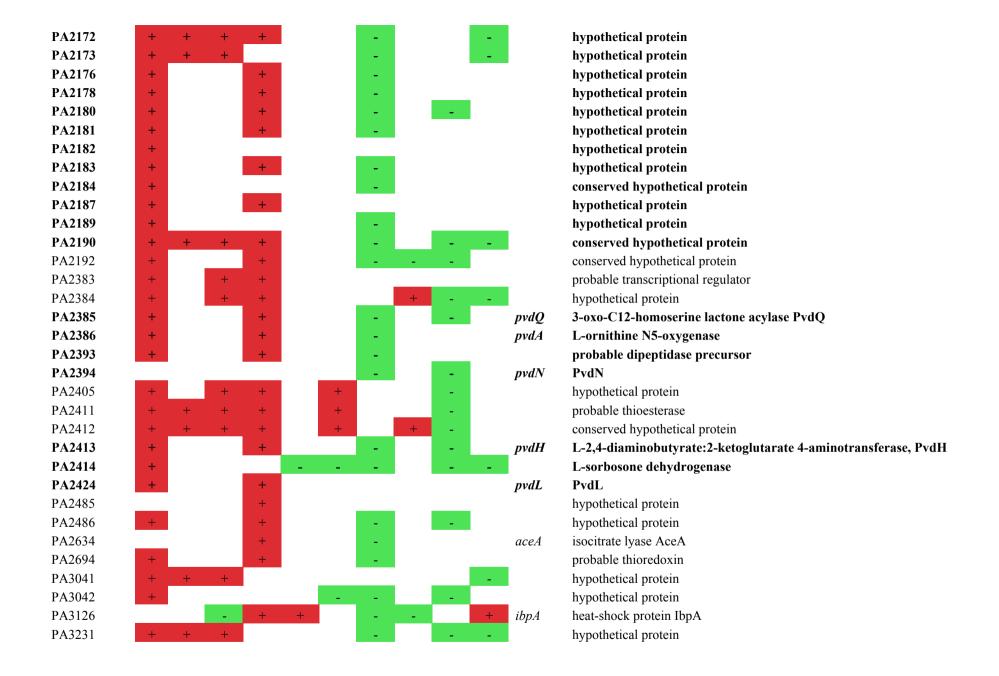
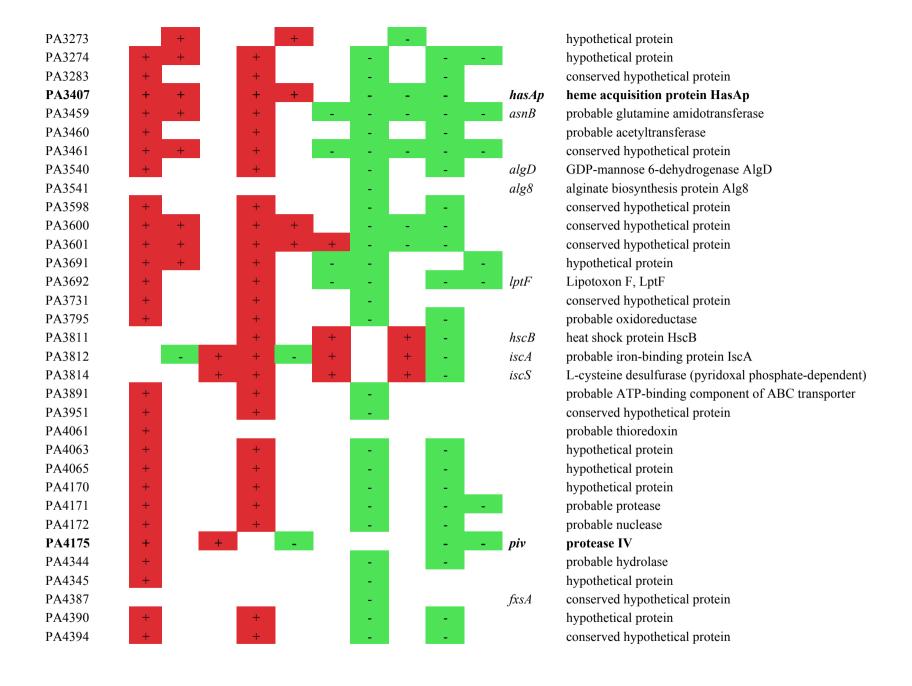
Table S9

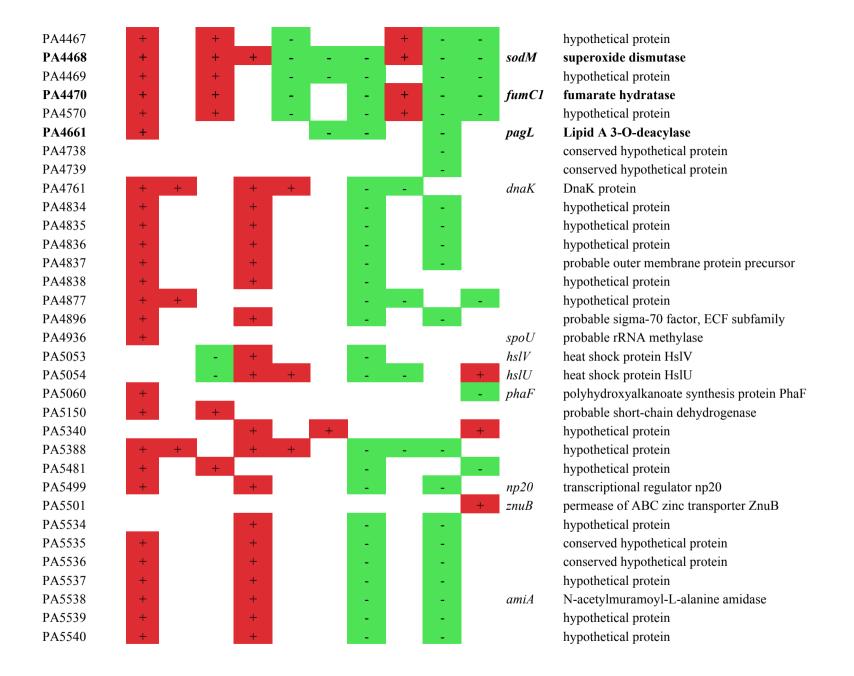
Burn wound infection cluster

/bf bf bf lb lb lb bw tu bw /lb name Product name	
PA0059 + + + + + osmC osmotically inducible prot	
PA0060 + - conserved hypothetical pro	
PA0102 + + + + + + + - probable carbonic anhydra	rase
PA0104 + hypothetical protein	
PA0266 + gabT 4-aminobutyrate aminotra	
PA0320 + + + conserved hypothetical pro	
PA0354 - conserved hypothetical pro	rotein
PA0355 + + + pfpI protease PfpI	
PA0376 + sigma factor RpoH	
PA0423 + pasP PasP	
PA0532 + hypothetical protein	
PA0553 - hypothetical protein	
PA0567 + conserved hypothetical pro	rotein
PA0672 - hemO heme oxygenase	
PA0707 + toxR transcriptional regulator	or ToxR
PA0763 + mucA anti-sigma factor MucA	
PA0779 - probable ATP-dependent j	protease
PA1134 + hypothetical protein	
PA1245 aprX AprX	
PA1320 - cytochrome o ubiquinol or	oxidase subunit IV
PA1323 + + + hypothetical protein	
PA1324 + hypothetical protein	
PA1500 probable oxidoreductase	
PA1515 + - alc allantoicase	
PA1518 + conserved hypothetical pro	rotein
PA1579 + hypothetical protein	
PA1596 - + - htpG heat shock protein HtpG	
PA1870 + hypothetical protein	
PA1925 + hypothetical protein	

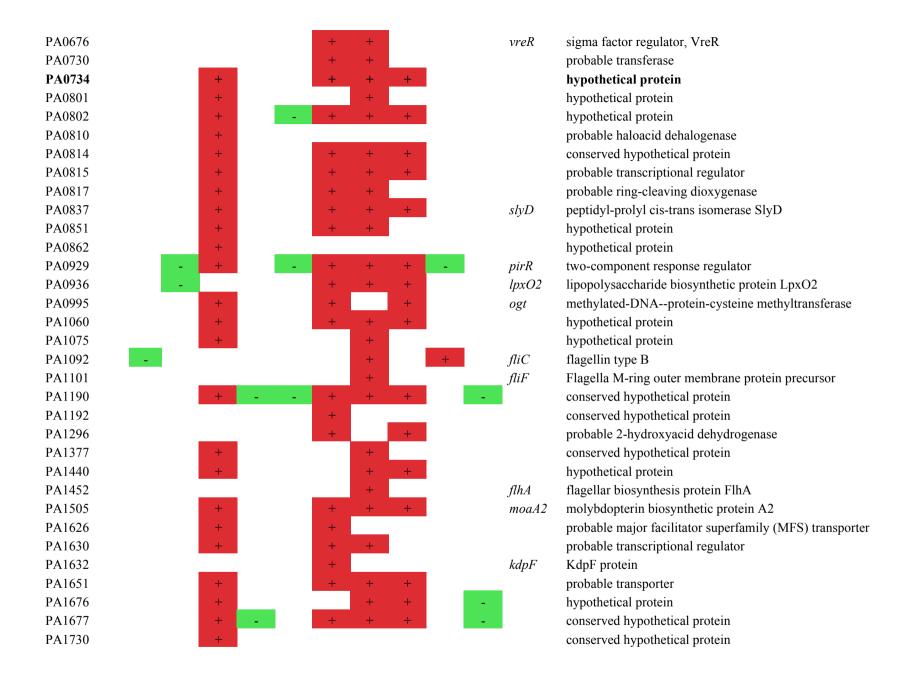




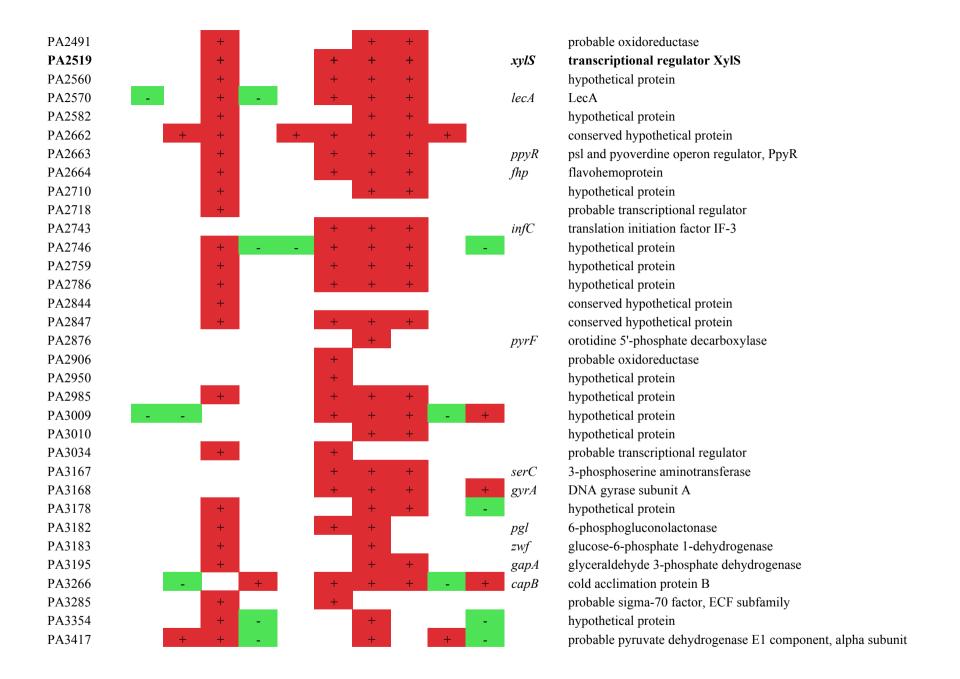


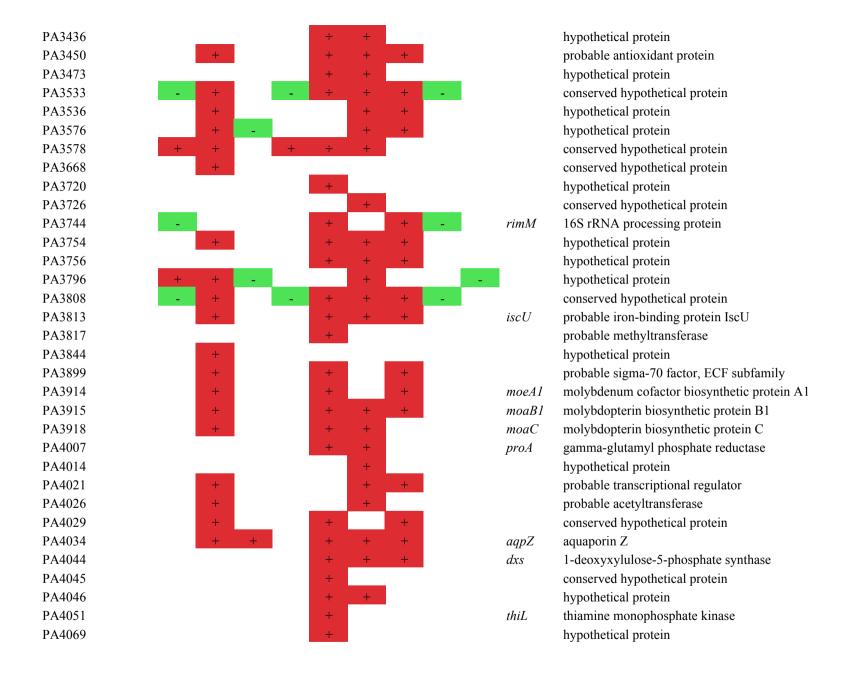


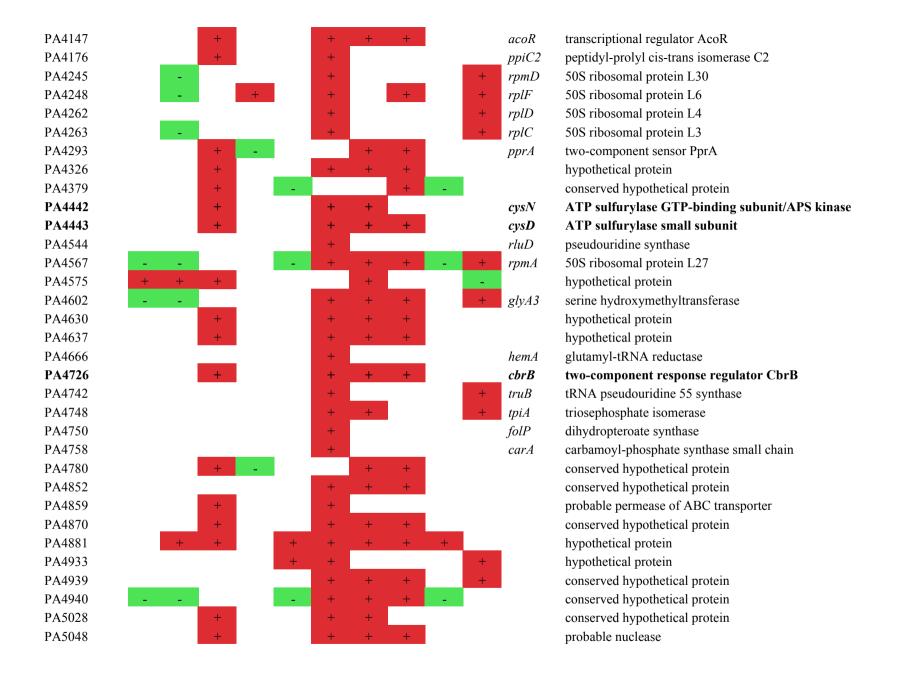
	bw	tu/	pl/	bw/	tu/	pl/	pl/	pl/	tu/	bf/		
	/bf	bf	bf	lb	lb	Îb	bw	tu	bw	lb		
PA0011				_		+	+					probable 2-OH-lauroyltransferase
PA0035			+			+	+				trpA	tryptophan synthase alpha chain
PA0036				_			+				trpB	tryptophan synthase beta chain
PA0201			+			+	+					hypothetical protein
PA0226						+		_		_		probable CoA transferase, subunit A
PA0276		+	+		+	+	+		+			hypothetical protein
PA0280			+			+	+	+			cysA	sulfate transport protein CysA
PA0281			+			+	+	+			cysW	sulfate transport protein CysW
PA0282			+			+	+		_		cysT	sulfate transport protein CysT
PA0283			+			+	+	+			sbp	sulfate-binding protein precursor
PA0284			+			+	+	+				hypothetical protein
PA0286			+			+	+	+			desA	delta-9 fatty acid desaturase, DesA
PA0296				_				+			spuI	probable glutamine synthetase
PA0298			+			+	+	+			spu B	probable glutamine synthetase
PA0385	_	-				+	+	+		+		hypothetical protein
PA0386						+			_			probable oxidase
PA0436						+		+				probable transcriptional regulator
PA0439			+			+	+		_			probable oxidoreductase
PA0441			+			+	+	+			dht	dihydropyrimidinase
PA0444						+	+	+				N-carbamoyl-beta-alanine amidohydrolase
PA0451			+			+	+	+			_	conserved hypothetical protein
PA0456	-	-	+			+	+	+	-	+		probable cold-shock protein
PA0472	+		+		-	+		+	-	-	fìuI	probable sigma-70 factor, ECF subfamily
PA0473							+				psfA	probable glutathione S-transferase
PA0485						+	+					conserved hypothetical protein
PA0505		-	+	-	-	+	+	+	-	-		hypothetical protein
PA0547								+			_	probable transcriptional regulator
PA0608	_					+				+	gph	probable phosphoglycolate phosphatase

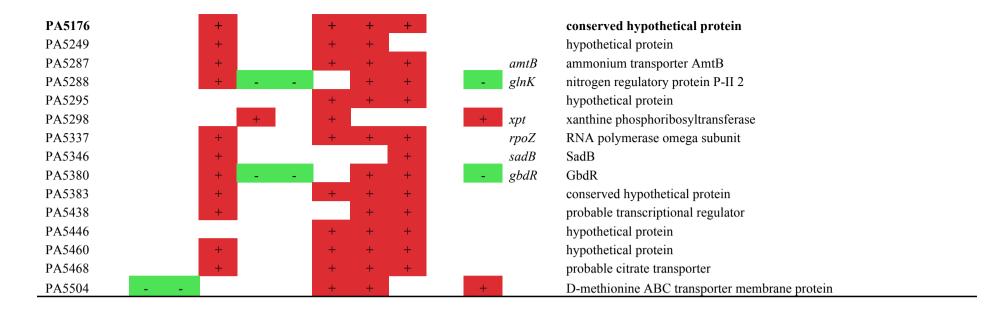


PA1775	+	+ -	cmpX	conserved cytoplasmic membrane protein, CmpX protein
PA1776	- 1	- +	sigX	ECF sigma factor SigX
PA1778	+	+ + +	cobA	uroporphyrin-III C-methyltransferase
PA1779	+	+ +		assimilatory nitrate reductase
PA1780	+	+ + +	nirD	assimilatory nitrite reductase small subunit
PA1781	+	+ +	nirB	assimilatory nitrite reductase large subunit
PA1782		+ +		probable serine/threonine-protein kinase
PA1783	+	+	nasA	nitrate transporter
PA1800		+	tig	trigger factor
PA1814	+	+ +		hypothetical protein
PA1837	+	+ +		hypothetical protein
PA1838	+	+ + +	cysI	sulfite reductase
PA1856	+	+ + +		probable cytochrome oxidase subunit
PA1927	+	+ + +	metE	5-methyltetrahydropteroyltriglutamate-homocysteine S-methyltransferase
PA1950	+	+	rbsK	ribokinase
PA1963	+	+ + +		hypothetical protein
PA1984	+	+ + +	+ exaC	NAD+ dependent aldehyde dehydrogenase ExaC
PA1998	+	+	dhcR	DhcR, transcriptional regulator
D 4 2010			4	Resistance-Nodulation-Cell Division (RND) multidrug efflux membrane
PA2019 PA2030		+ + +	amrA	fusion protein precursor
	+ +	+ + +	-	hypothetical protein
PA2031 PA2045	+ +	+ + +		hypothetical protein
PA2043 PA2092	+	+ + +		conserved hypothetical protein probable major facilitator superfamily (MFS) transporter
PA2092 PA2229	+	T		
PA2229 PA2259	+	+ +	m tac C	conserved hypothetical protein transcriptional regulator PtxS
PA2239 PA2260	+	T T	ptxS	•
PA2260 PA2261		T T		hypothetical protein
PA2261 PA2263	+	+ +		probable 2-ketogluconate kinase probable 2-hydroxyacid dehydrogenase
	+	T T	amb 1	AmbA
PA2306 PA2322	+	+ +	ambA	
PA2322 PA2380		+ +		gluconate permease
	+	+ + +		hypothetical protein
PA2484	+	+ +		conserved hypothetical protein



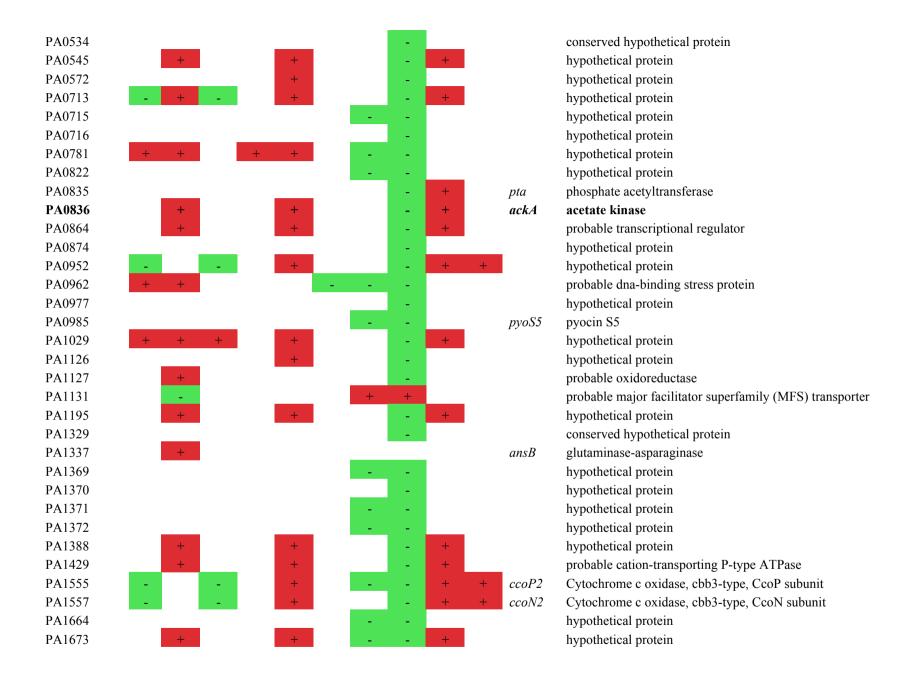




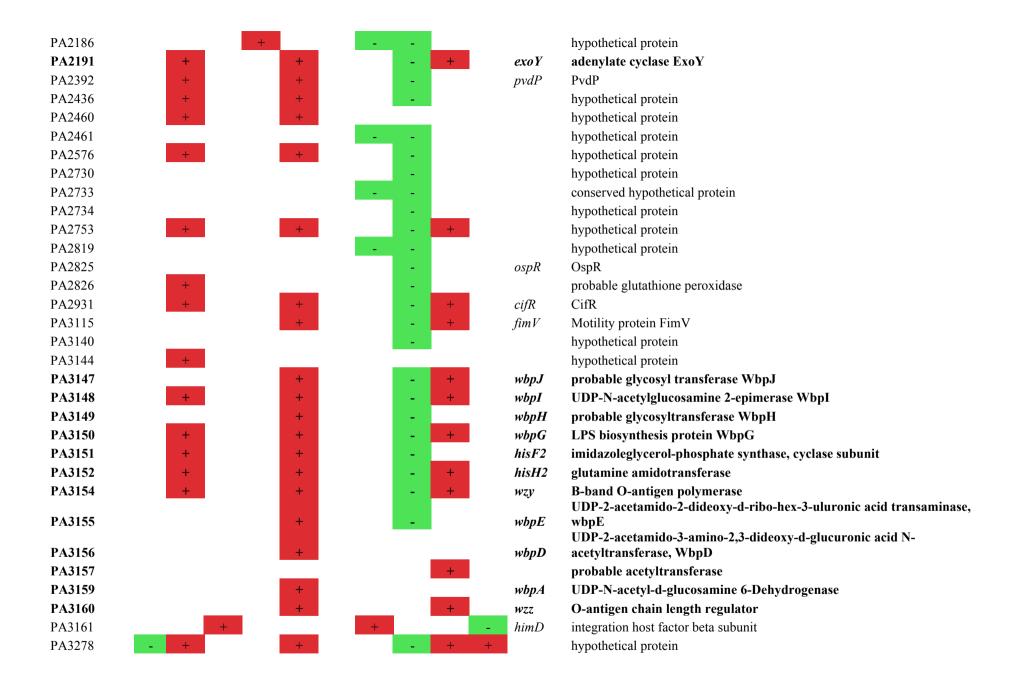


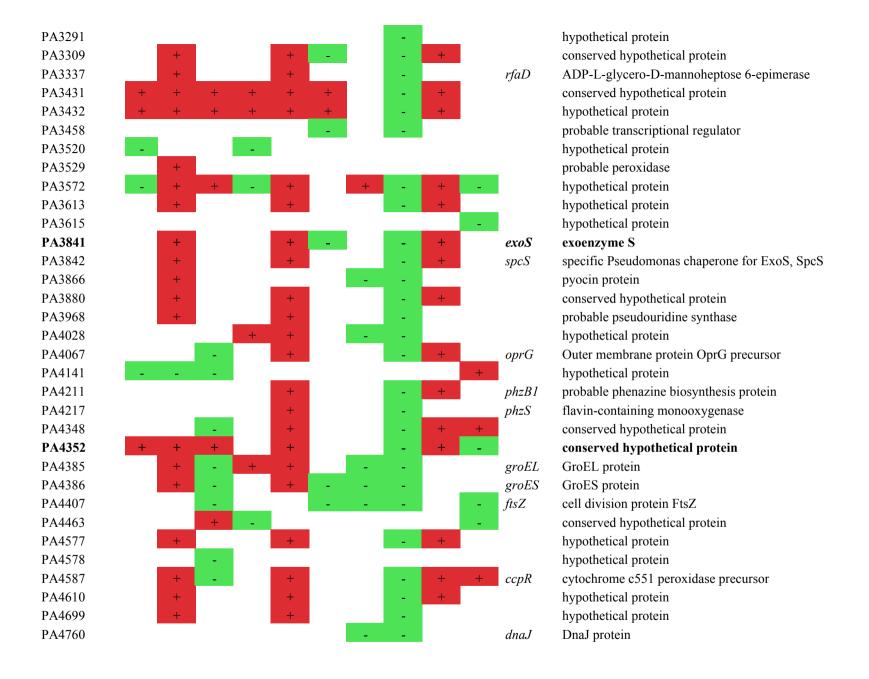
Tumor infection cluster

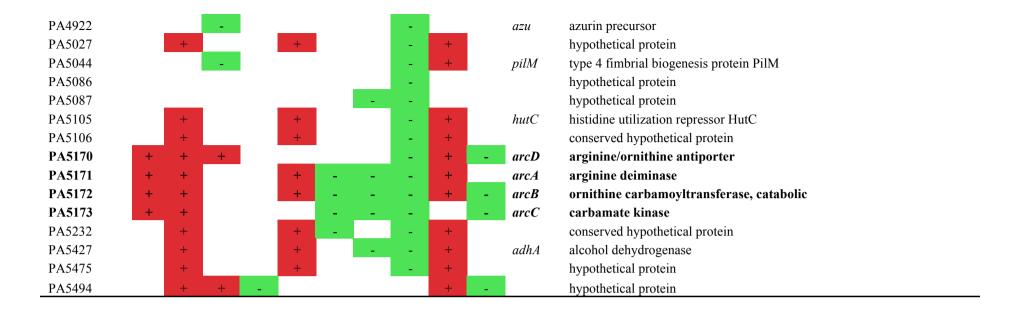
	bw	tu/	pl/	bw/	tu/	pl/	pl/	pl/	tu/	bf/		
	/bf	bf	bf	lb	lb	lb	bw	tu	bw	lb		
PA0044		+			+			-	+		exoT	exoenzyme T
PA0046			_					-				hypothetical protein
PA0067		+				_			_		prlC	oligopeptidase A
PA0093		+			+			-		_		hypothetical protein
PA0132		+			+			-	+		oapT	beta-alaninepyruvate transaminase
PA0141		+			+			-	+			conserved hypothetical protein
PA0396			_			_		-	+		pilU	twitching motility protein PilU
PA0415		+			+			-			chpC	probable chemotaxis protein
PA0442			_			_	-	-		_		hypothetical protein
PA0510		+			+			-	+		nirE	probable uroporphyrin-III c-methyltransferase
PA0517			_		+			-	+		nirC	probable c-type cytochrome precursor
PA0518		+			+			-	+		nirM	cytochrome c-551 precursor
PA0519		+			+			-	+		nirS	nitrite reductase precursor



PA1692		+		pscS	probable translocation protein in type III secretion
PA1696		+	_	pscO	translocation protein in type III secretion
PA1699		+	- +	pcr1	Pcr1
PA1700	+	+	- +	pcr2	Pcr2
PA1701	_	+	- + -	pcr3	Pcr3
PA1706	+	+	- +	pcrV	type III secretion protein PcrV
PA1707	+	+	- +	pcrH	regulatory protein PcrH
PA1708	+	+	- +	рорВ	translocator protein PopB
PA1709	+	+	- +	popD	Translocator outer membrane protein PopD precursor
PA1711	+	+	- +	exsE	ExsE
PA1714	-	+	- +	exsD	ExsD
PA1715	+	+	- +	pscB	type III export apparatus protein
PA1716		+	- +	pscC	Type III secretion outer membrane protein PscC precursor
PA1717	+	+	- +	pscD	type III export protein PscD
PA1718	+	+	- +	<i>pscE</i>	type III export protein PscE
PA1719	+	+	+	<i>pscF</i>	type III export protein PscF
PA1720	+	+		<i>pscG</i>	type III export protein PscG
PA1721	+	+	- +	<i>pscH</i>	type III export protein PscH
PA1722	+	+	- +	<i>pscI</i>	type III export protein PscI
PA1723		+	-	<i>pscJ</i>	type III export protein PscJ
PA1724		+	-	pscK	type III export protein PscK
PA1734		+	<u> </u>		hypothetical protein
PA1746	+	+	- +		hypothetical protein
PA1789	+		- +		hypothetical protein
PA1869			+		probable acyl carrier protein
PA1901		_		phzC2	phenazine biosynthesis protein PhzC
PA1904			-	phzF2	probable phenazine biosynthesis protein
PA1934			-		hypothetical protein
PA2037			-		hypothetical protein
PA2102					hypothetical protein
PA2119	+	+	- +	adh	alcohol dehydrogenase (Zn-dependent)
PA2127		+	- +		conserved hypothetical protein
PA2128	+	+	- +	cupA1	fimbrial subunit CupA1

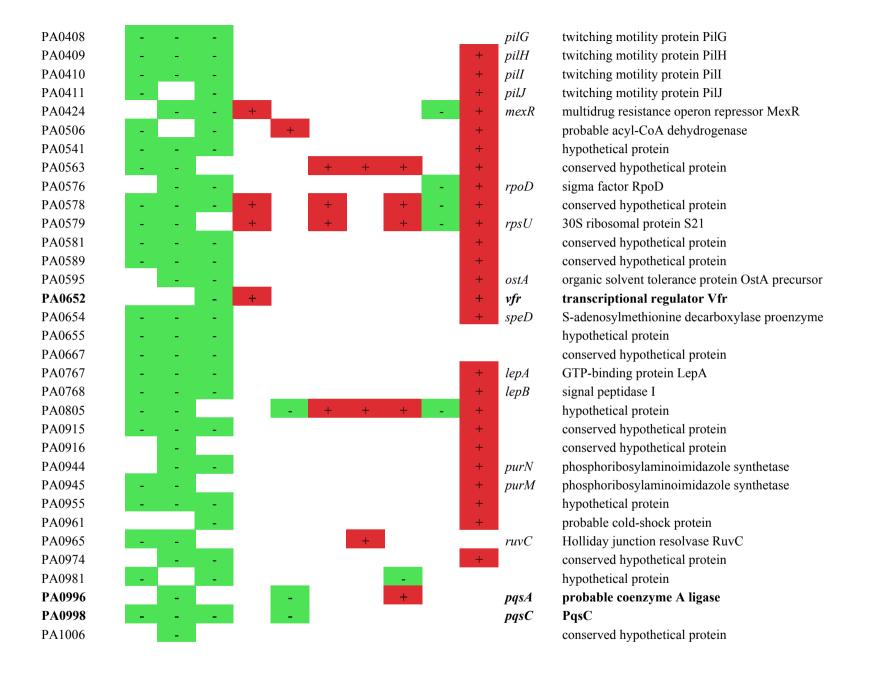


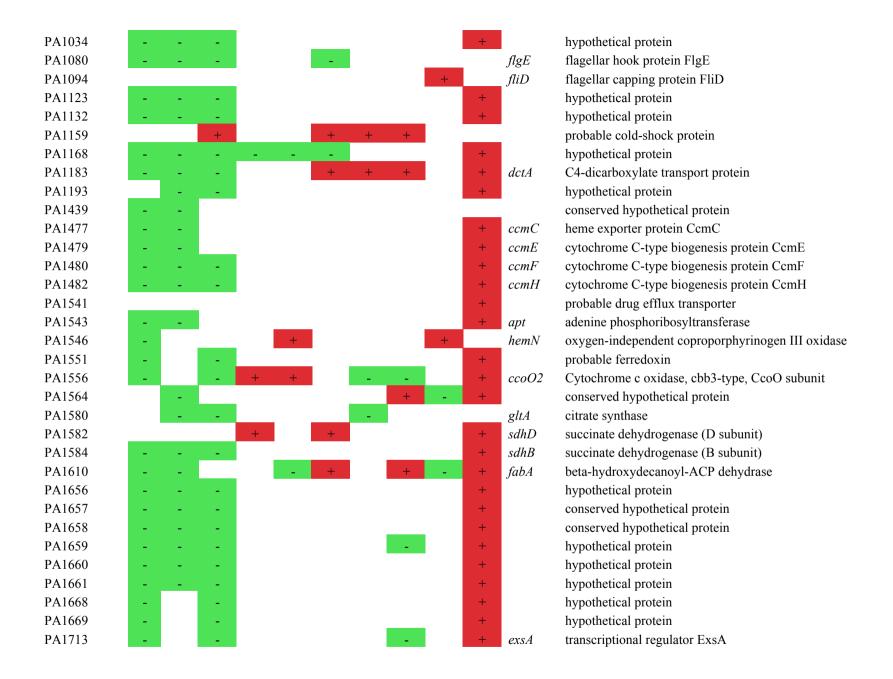


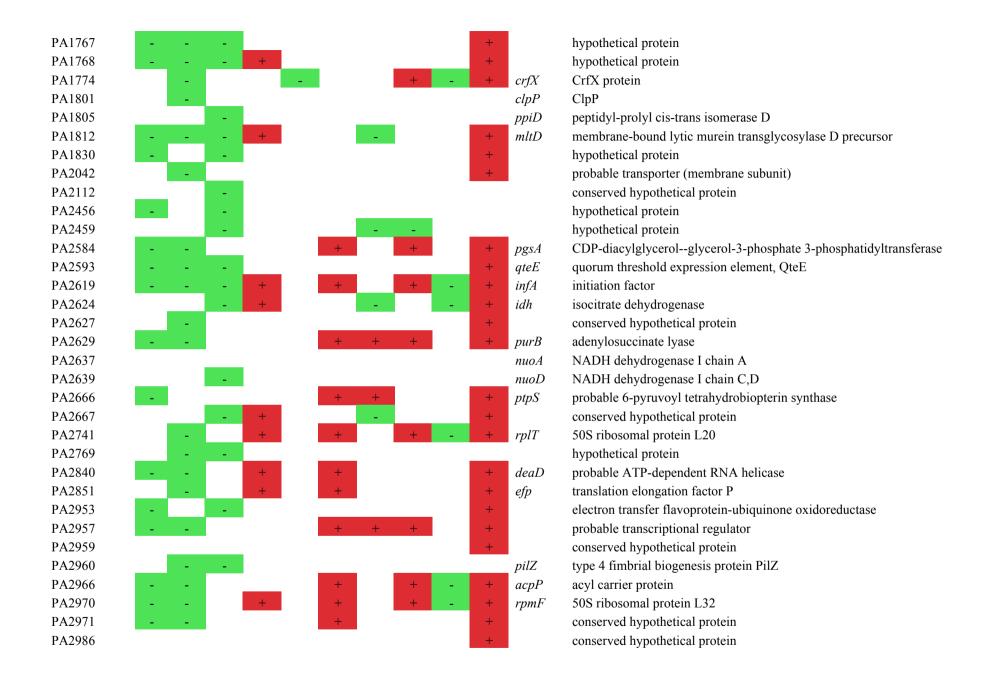


Biofilm growth specific cluster

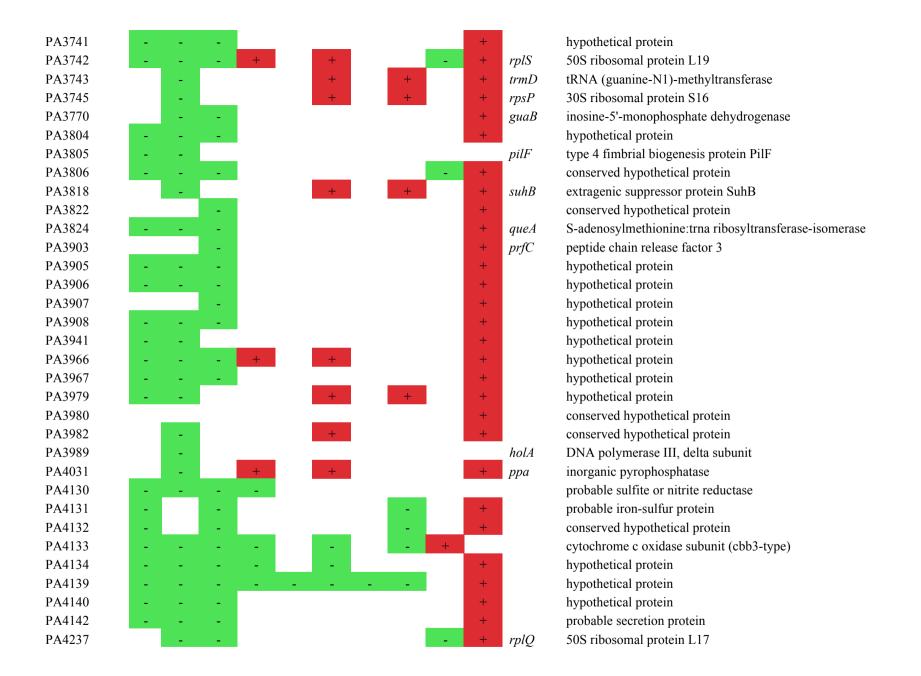
	bw	tu/	pl/	bw/	tu/	pl/	pl/	pl/	tu/	bf/		
	/bf	bf	bf	lb	lb	lb	bw	tu	bw	lb		
PA0089			-								tssG1	TssG1
PA0128	-	-	-						_	+		conserved hypothetical protein
PA0140			-					-		+	ahpF	alkyl hydroperoxide reductase subunit F
PA0161	-	-	-							+		hypothetical protein
PA0172			-									hypothetical protein
PA0257		-	-									hypothetical protein
PA0261			-				_		_		_	hypothetical protein
PA0263	-	-	-			+		+		+	hcpC	secreted protein Hcp
PA0291	-	_	_						_	+	oprE	Anaerobically-induced outer membrane porin OprE precursor
PA0297		-				+	+	+		+	spuA	probable glutamine amidotransferase
PA0359			-					-				hypothetical protein
PA0363	-	-	-								coaD	phosphopantetheine adenylyltransferase
PA0381										+	thiG	thiamine biosynthesis protein, thiazole moiety

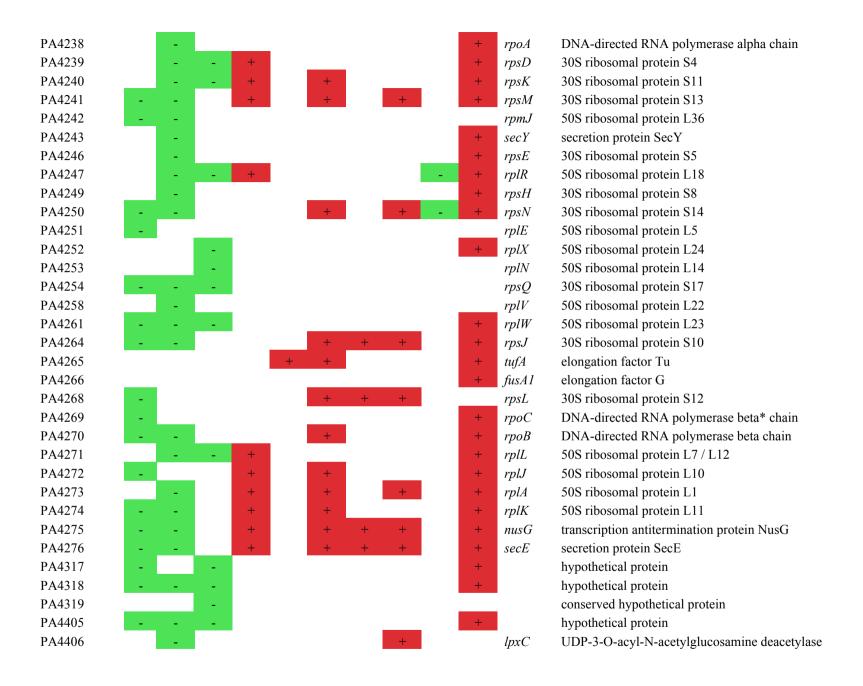


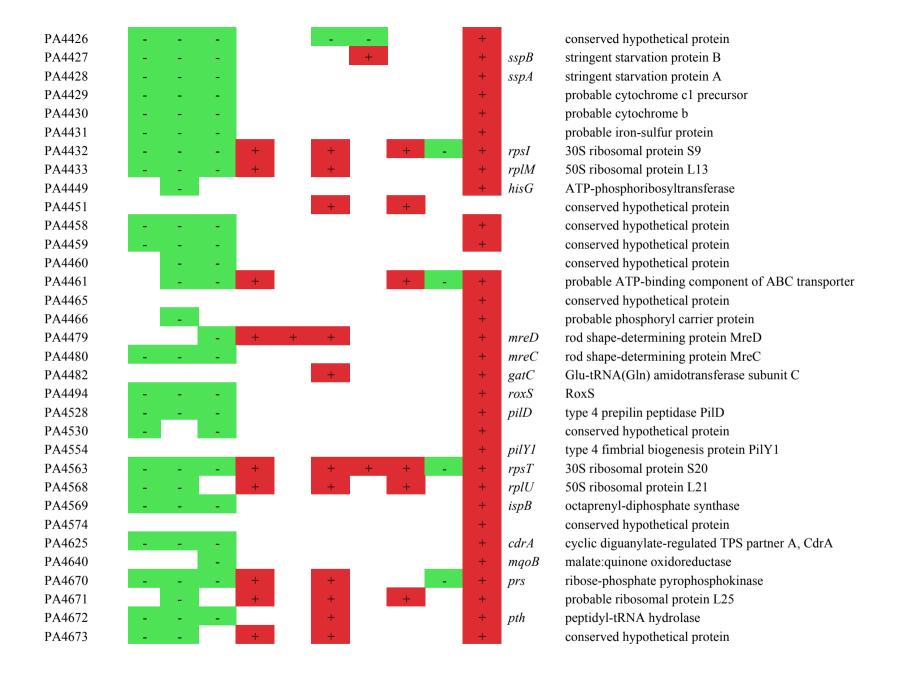


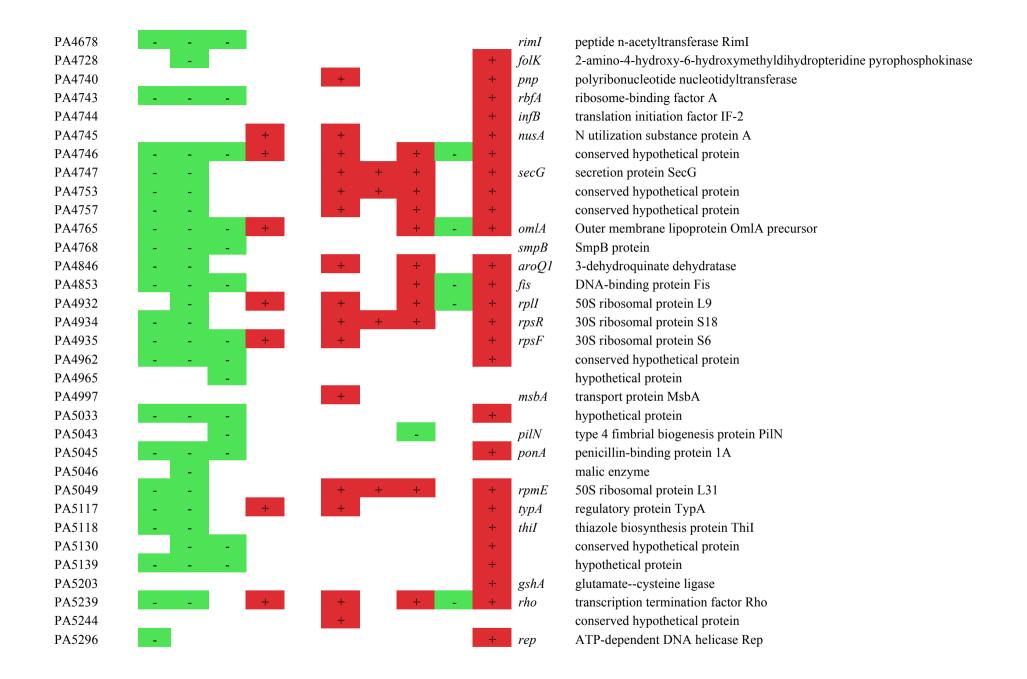


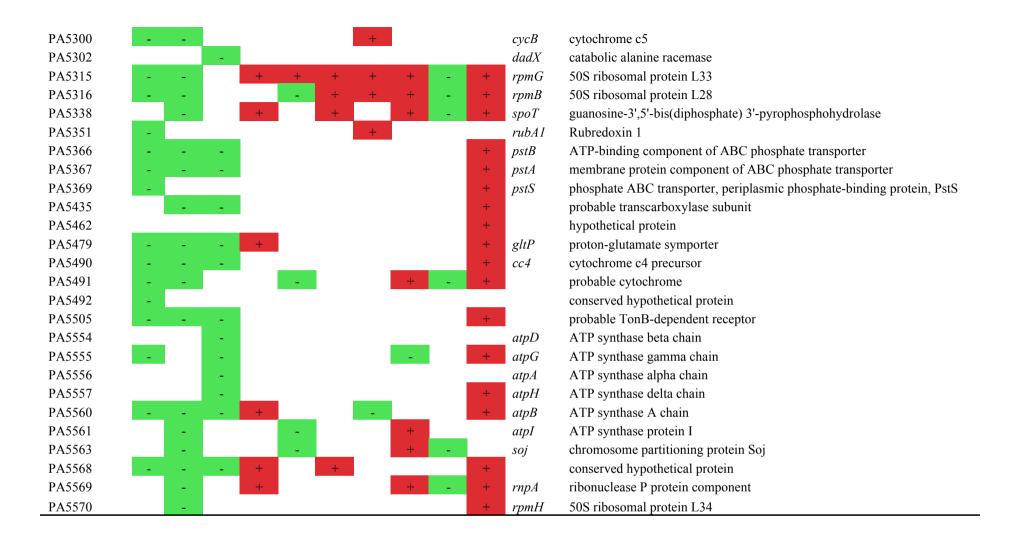












Planktonic growth specific cluster

•	bw	tu/	pl/	bw/	tu/	pl/	pl/	pl/	tu/	bf/	
	/bf	bf	bf	lb	lb	lb	bw	tu	bw	lb	
PA0038	+					-	_			-	hypothetical protein
PA0039					-			+	-		hypothetical protein

